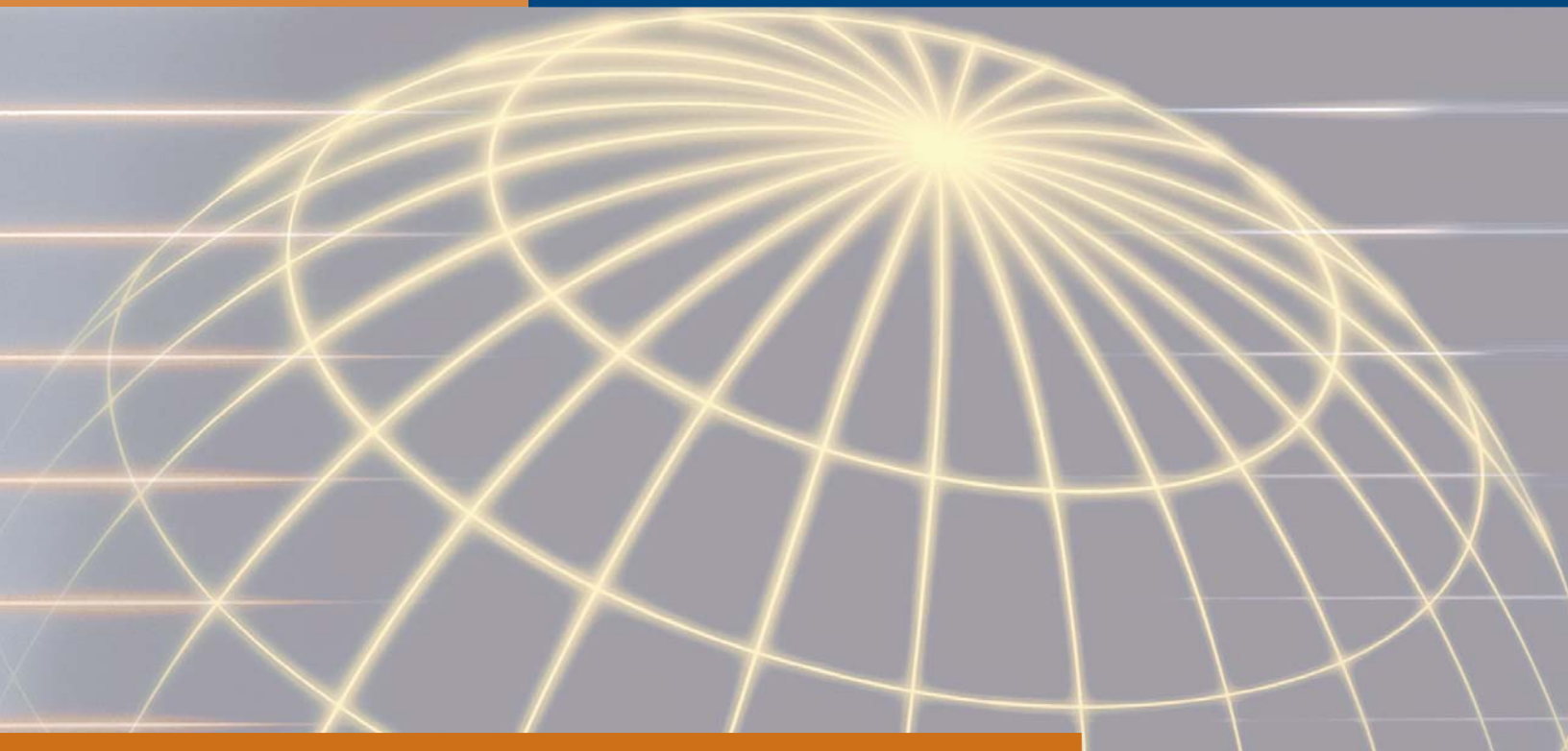


# Unmanned Systems Asia-Pacific 2006

19-20 February 2006  
Pan Pacific Hotel Singapore

## REGISTRATION BROCHURE



**Discount Registration Deadline — 19 January 2006**

Unmanned Systems Asia-Pacific 2006 is an  
official event of AA2006 and ADT2006



# *Register now to be a part of* **Unmanned Systems Asia-Pacific 2006**

**Unmanned Systems Asia-Pacific 2006** will bring together military leaders, government officials and industry players for an in-depth conference which will explore new directions in unmanned systems technology.

***Key program topics include:***

- Maritime Surveillance
- Unmanned Ground Operations
- Unmanned Combat Systems
- Networked Environments
- UAS Air Traffic Management
- Technology in Action: Unmanned Systems Asia-Pacific Outlook



As the Official Unmanned Systems Event of Asian Aerospace 2006 and Asian Defence Technology 2006, this conference will attract an unprecedented group of official military delegates from across Southeast Asia.

***You won't want to miss this dynamic interaction and exchange of information.***

**Asian Aerospace** is one of the top airshows in the world and the largest in Asia. Held biennially, the Asian Aerospace anchors the dynamic multi-billion dollar commercial and military aviation industry in Asia-Pacific. Asian Aerospace 2006 and Asian Defence Technology 2006 will be held in the Changi Exhibition Centre, Singapore from 21-26 February 2006. For more information, please visit [www.asianaerospace.com](http://www.asianaerospace.com) and [www.adt-expo.com](http://www.adt-expo.com).

**Discount Registration Deadline — 19 January 2006**

This conference is sponsored in part by ***NORTHROP GRUMMAN***

# Unmanned Systems Asia-Pacific 2006

## DAY ONE: ENABLING TECHNOLOGIES Sunday 19 February ■ 0845 -1830

### Session One: Unmanned Ground Operations

- The US DoD Perspective on Unmanned Ground Systems Contributions to Warfighting: *Lew Goldberg, General Manager, Operational Support Division, Titan Corporation and President AUVSI*
- Guardium UGV: *Uri Paz Meidan, Israel Aircraft Industries*
- Program Update on Joint Unmanned Systems Common Control (JUSC2) ACTD: *Helmut Portmann, NAVSEA*

### Session Two: Maritime Surveillance

- Evolution of the Firescout UAS to Meet Emerging Operational Requirements: *Dane Marolt, Northrop Grumman*
- Endurance Variants of the Predator UAS Family: *General Atomics Aeronautical Systems International*
- Autonomous Underwater and Surface Vehicles Program Updates: *CAPT Chip Fowler, US Office of Naval Research Global Office (Singapore)*
- Update on Aerosonde's Asian Demonstrations: *Peter Smith, Aerosonde*

### Session Three: Unmanned Combat Systems

- Weaponization of Small UAVs: *Col Larry Felder, USAF, Unmanned Air Vehicles Center of Excellence*
- J-UCAS Program Update: *CAPT Ralph Alderson, USAF*

### Session Four: New Development Initiatives

- Challenges in UAV Development in Singapore: *Dr. Tan JiaK Kwang, Singapore Technologies Aerospace*
- Overview of the Australian Research Centre for Aerospace Automation (ARCAA): *Rod Walker, Queensland University of Technology*

## DAY TWO: SEMINARS Monday 20 February ■ 0845 -1830

### MORNING SEMINAR: UAS Air Traffic Management

- RQ-4 Airspace Integration: *Ed Walby, Northrop Grumman*
- Challenges for the Safe Integration of UAVs in Asian Airspace: *Civil Aviation Authority of Singapore*
- UK Airspace Integration Initiatives
- An Update on Access 5 and US Airspace Integration Activities: *Kevin Smedely, UNITE*
- UAS Certification Challenges: *Jeff Goldfinger, Brandes and Associates*
- UAS Airspace Issues Panel

### AFTERNOON SEMINAR: Technology in Action — Unmanned Systems Pacific Outlook

- Singaporean Advances in Unmanned Systems Technology: *TAN Peng Yam, Deputy Chief Executive (Technology), Singapore Defence Science and Technology Agency*
- The Operational Imperatives for Unmanned Systems in a Networked Operational Future: *Singaporean Air Force*
- Understanding the 2005 US Unmanned Air Systems Roadmap
- Activities in the UAE's UAV Research and Technology Center: *Colonel Mahash Saeed Al Hameli, UAE Flight Test Center*
- Coordination of Land, Sea and Air Unmanned Systems Development Activities to Meet Joint Force Operational Objectives: *Cliff Hudson, Pentagon Joint Unmanned Systems Program Office, US Department of Defense*
- US Navy Unmanned Systems Activities in the Asia-Pacific Region: *CDR Dave Falk, USN, PMA-263*
- The UK Joint UAV Experimentation Programme

*Note: Schedule is subject to change. Visit [www.auvsi.org](http://www.auvsi.org) for updates.*

**For more information, visit [www.auvsi.org](http://www.auvsi.org), or call +1 703 845 9671**



## Unmanned Systems Asia-Pacific 2006 Exhibitors

Tabletop displays will showcase unmanned systems at the conference. Space is still available to showcase your products. Contact [marketing@auvsi.org](mailto:marketing@auvsi.org) or +1 703 845 9671 for more information.

## Asian Aerospace 2006 - Unmanned Systems Pavilion

Following Unmanned Systems Asia-Pacific 2006, come to Asian Aerospace and visit the unmanned systems pavilion. Entry into Asian Aerospace is free to all conference delegates.



## GENERAL INFORMATION

### Singapore

Singapore's tropical climate is heaven-sent! The island is warm and humid all year round, with only slight variations between the average maximum of 31 degrees Celsius (88° F) and minimum of 23 degrees Celsius (73° F). This makes it ideal for those who enjoy sunbathing, swimming, sailing and other water sports. But for those who do not enjoy the tropical climate, Singapore is sheltered from the worst effects of the sun with air-conditioning in almost all of its shops, hotels, office buildings and restaurants.

Rain falls throughout the year, with more consistent rain coming during the monsoon season from November to January. Showers are usually sudden and heavy, but also brief and refreshing.



### Official Language

The official language for Unmanned Systems Asia-Pacific 2006 is English. Conference organizers will not be providing interpreters.

### Unmanned Systems Asia-Pacific 2006 Proceedings

A copy of the Unmanned Systems Asia-Pacific 2006 Proceedings is included in the registration fee for conference participants (Government, Industry/Civilian, and Student). The proceedings will contain the presentations given during the conference.

# Unmanned Systems Asia-Pacific 2006

## How to Register

To register for Unmanned Systems Asia-Pacific 2006, complete the registration form and return it either by fax or overnight mail. Photocopies of the form are acceptable for additional registrants.

**Registering is easy when you use one of these two methods—**



**Register by fax!** Fax your completed registration form with credit card information to AUVSI at +1 703 845 9679.



**Register by overnight mail!** Overnight your completed registration form with payment information to:

AUVSI  
Attn: Registration  
2700 S. Quincy Street, Suite 400  
Arlington, VA 22206  
USA  
Phone +1 703 845 9671

## Discount Registration Deadline — 19 January 2006

Register before the Discount Registration Deadline of 19 January 2006 and receive a substantial savings on the registration fee. After 19 January, you must register at the full registration fee. Your badge and final program may be picked up in the AUVSI registration area of the Pan Pacific Hotel Singapore.

## On-Site Registration

To register on site, come to the AUVSI registration area of the Pan Pacific Hotel Singapore during any of the hours listed below:

### Sunday 19 February

0800 - 1830

### Monday 20 February

0800 - 1800

## REGISTRATION INFORMATION

### Payment of Registration Fees

Payment information must accompany your registration form. You may pay your registration fees by check, money order, travelers' checks, bank wire transfer or credit card (VISA, MasterCard or American Express). All registrants must pay in full prior to the conference. AUVSI will not invoice registrants.

**Note:** All payments must be made in Singapore Dollars, with the exception of payments for attendees from the USA, where payment may be made in US dollars (the registration fee will be based on the conversion rate at time of registration submission). Your registration receipt will contain appropriate currency conversion information.

### Registration Category Descriptions

**Government**—Open to anyone wishing to attend Unmanned Systems Asia-Pacific 2006 who is a member of their country's military, or who works for their country's government.

**Industry/Civilian**—Open to anyone wishing to attend Unmanned Systems Asia-Pacific 2006.

**Student**—Open to anyone wishing to attend Unmanned Systems Asia-Pacific 2006 who is enrolled as a full-time student at an accredited college or university. A photocopy of a full-time student ID, with current semester validation, must be submitted with the completed registration form.

All registration categories include the following:

- Program Sunday and Monday
- Morning and Afternoon Breaks, and Lunch on Sunday and Monday
- Reception Sunday and Monday
- Unmanned Systems Asia-Pacific 2006 Proceedings CD

### Registration Fees

	AUVSI MEMBER		NONMEMBER	
	Discount Fee Through 19 January	Full Registration Fee After 19 January	Discount Fee Through 19 January	Full Registration Fee After 19 January
<b>Conference Registration Categories:</b>				
Government	<input type="checkbox"/> \$515	<input type="checkbox"/> \$615	<input type="checkbox"/> \$550	<input type="checkbox"/> \$650
Industry/Civilian	<input type="checkbox"/> \$1405	<input type="checkbox"/> \$1505	<input type="checkbox"/> \$1440	<input type="checkbox"/> \$1540
Student	<input type="checkbox"/> \$380	<input type="checkbox"/> \$380	<input type="checkbox"/> \$415	<input type="checkbox"/> \$415

**Note:** Nonmember registration fees include an AUVSI individual membership valid through 31 December 2006.

## Unmanned Systems Asia-Pacific 2006

19-20 February 2006 • Singapore

**To register for Unmanned Systems Asia-Pacific 2006**, send completed registration forms, with payment information, to: AUVSI; Attn: Registration; 2700 S. Quincy Street, Suite 400; Arlington, VA 22206 USA; or fax your form to +1 703 845 9679. We must receive a separate form for each attendee from your organization. Photocopies are acceptable. **Please remember to make a copy of this form for your records.**

**Discount Registration Deadline is 19 January 2006.**

\* All fields must be completed.

Title/Prefix: ☐ Mr ☐ Mrs ☐ Ms ☐ Dr ☐ Other: \_\_\_\_\_  
Suffix: ☐ Jr ☐ Sr ☐ PhD ☐ Other: \_\_\_\_\_

First Name

Last Name

Company Name

Position in Company/Title

Street Address

City State/Province

Zip/Postal Code Country

Phone Fax

Email

### Emergency Contact Information

Name

Phone

Email

### Hotel Reservations

To make your hotel reservation at the Pan Pacific Hotel Singapore, use the enclosed Hotel Reservation Form to receive the conference rate of S\$280 (subject to a 10% service charge, 5% Goods and Services Tax [GST] and 1% Cess.). Reservations will be accepted through **Thursday 19 January 2006**. Reservations made after 19 January, will be on a space- and rate-available basis.

AUVSI will not be responsible for misdirected hotel reservation forms; all forms must be sent to the Pan Pacific Hotel Singapore.

### Conference Fees

Nonmember registration fees include an AUVSI individual membership valid through 31 December 2006.

	AUVSI MEMBER		NONMEMBER	
	Discount Fee Through 19 January	Full Registration Fee After 19 January	Discount Fee Through 19 January	Full Registration Fee After 19 January
<b>Conference Registration Categories:</b>				
Government	<input type="checkbox"/> S\$515	<input type="checkbox"/> S\$615	<input type="checkbox"/> S\$550	<input type="checkbox"/> S\$650
Industry/Civilian	<input type="checkbox"/> S\$1405	<input type="checkbox"/> S\$1505	<input type="checkbox"/> S\$1440	<input type="checkbox"/> S\$1540
Student	<input type="checkbox"/> S\$380	<input type="checkbox"/> S\$380	<input type="checkbox"/> S\$415	<input type="checkbox"/> S\$415

### Student

This category is open to anyone wishing to attend Unmanned Systems Asia-Pacific 2006 who is enrolled as a full-time student at an accredited college or university. A photocopy of a full-time student ID, with current semester validation, must be submitted with the completed registration form.

Name of the accredited college/university that you attend:

Academic identification/student number: \_\_\_\_\_

### Payment Method (check one)

**Note:** All payments must be made in Singapore Dollars, with the exception of payments for attendees from the USA, where payment may be made in US dollars (the registration fee will be based on the conversion rate at time of registration submission). Your registration receipt will contain appropriate currency conversion information.

- ☐ Check (Made payable to AUVSI)  
☐ Money Order (Made payable to AUVSI)  
☐ Travelers' Checks (Made payable to AUVSI)  
☐ Bank Wire Transfer  
 SunTrust Bank  
 25 Park Place  
 Atlanta, GA USA  
 ABA Number: 061000104  
 SWIFT Code: SNTRUS3A

For further credit to SunTrust Account Number: 220014159  
 Please reference **Unmanned Systems Asia-Pacific 2006**

☐ VISA ☐ MasterCard ☐ American Express

Credit Card Number

Expiration Date

Cardholder's Name (as printed on card)

I authorize AUVSI to use the above credit card to charge applicable registration fees.

Authorized Signature

Date



# Unmanned Systems Asia-Pacific 2006

## Registration Confirmation

Your registration will be confirmed by email or fax. If you do not receive confirmation within two weeks of the date sent, or if you have other questions about your registration, contact AUVSI at +1 703 845 9671.

## Registration Changes

### Deadline — 27 January 2006

The deadline for submitted registration changes is 27 January 2006. Changes should be faxed to +1 703 845 9679. Changes will not be accepted by phone or email. To avoid duplications, DO NOT send copies of your registration form when corresponding with AUVSI.

## Cancellation/Refund Policy

Cancellations received by 3 February 2006 will receive a full refund minus a \$200 processing fee. AUVSI is unable to issue refunds for cancellations received after 3 February 2006. Substitutions are allowed up until 3 February 2006. Refunds will not be made for no-shows.

Submit all cancellation requests by fax to +1 703 845 9679, attn: AUVSI Registration. If the original payment method was credit card, please be sure to include the credit card type, number to be credited and name on the credit card. Cancellations will not be accepted by phone or email.

Your cancellation will be acknowledged by email or fax. If you do not receive an acknowledgement within two weeks of sending in your cancellation request, please contact AUVSI to verify receipt. Registration fees will be refunded four to six weeks following the conference.

## Questions?

If you have any questions regarding registration for Unmanned Systems Asia-Pacific 2006, please contact AUVSI at +1 703 845 9671 or by email at [info@auvsi.org](mailto:info@auvsi.org) (reference Unmanned Systems Asia-Pacific 2006 in the subject line).

## HOTEL INFORMATION

### Hotel Deadline — 19 January 2006

### Hotel Reservations

AUVSI has negotiated a special discounted rate of S\$280 per a night with the Pan Pacific Hotel Singapore. To receive the conference rate, make your reservation using the enclosed Hotel Reservation Form. AUVSI will not be responsible for misdirected hotel reservation forms; all forms must be sent to the Pan Pacific Hotel Singapore.

Please note that rates are quoted in Singapore Dollars and are subject to a 10% service charge, 5% Goods and Services Tax (GST) and 1% Cess.

### Pan Pacific Hotel Singapore

7 Raffles Boulevard  
Marina Square  
Singapore 039595  
(65) 6336 8111 Telephone  
(65) 6339 1861 Fax  
<http://singapore.panpacific.com>

Conveniently located next to Suntec City, which comprises the Suntec Singapore International Convention and Exhibition Centre, the Suntec City Mall and the Suntec Office Towers, the Pan Pacific Hotel Singapore is also connected to Marina Square and Millennium Walk shopping centre. The hotel is just 20 minutes from the Singapore Expo and Changi International Airport and is within easy access of many Singapore attractions, including the Singapore Art Museum, Singapore River, China Town, Little India, Arab Street, Singapore Zoo, Singapore Botanic Gardens and Singapore Science Centre.



**For more information, visit [www.auvsi.org](http://www.auvsi.org), or call +1 703 845 9671**



**AUVSI - UNMANNED VEHICLE SYSTEMS ASIA-PACIFIC 2006**  
**19 ñ 20 FEBRUARY 2006**  
**HOTEL RESERVATION**

Please return this hotel reservation form to : <b>RESERVATIONS DEPARTMENT</b> <b>PAN PACIFIC SINGAPORE</b> Tel: (65) 6826 8227 Fax: (65) 6339 4852 Email: <a href="mailto:groupres.sin@panpacific.com">groupres.sin@panpacific.com</a>
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<b>ROOM CATEGORY</b>	
Please tick your choice (s) of room type (s):	
ROOM TYPE :	Single          Double          Smoking          Non-Smoking
Deluxe Room	S\$280.00+++ per room per night

<b>GUEST PARTICULARS</b>	
Please fill the particulars as follows:	
GUEST NAME MR/ MS/ MRS/ DR/ PROF (Please underline Surname)	DATE
ARRIVAL DATE	DEPARTURE DATE
ARRIVAL FLIGHT/ TIME	DEPARTURE FLIGHT/ TIME
COMPANY	COUNTRY OF RESIDENCE
TELEPHONE (including country code)	E-MAIL ADDRESS

<b>CREDIT CARD GUARANTEE</b>	
American Express          Visa          MasterCard          Diners Club          Others	
CARDHOLDER'S NAME _____	EXPIRY DATE _____
CREDIT CARD TYPE/ NUMBER _____	

*All reservations are subject to confirmation by the Hotel. A one-night room charge will be applicable should there be any cancellation with less than 72 hours prior to arrival date or no-show for confirmed reservations.*

<b>FOR HOTEL USE ONLY</b>	
Booking is Confirmed/ Not Confirmed by _____	Date _____
Confirmation Number _____	

<b>AIRPORT TRANSFERS</b>	
Limousine Required:    200 Series @ S\$98.18nett (1-Way)	300 Series @ S\$132.83nett (1-Way)
<i>(a surcharge of S\$11.55 nett will be applicable for car transfers between 11pm-7am)</i>	

The Hotel check-in time is after 3pm on day of arrival. Should delegates wish to occupy the room before 3pm, placing a reservation for the night before is recommended.

The Hotel check-out time is 12pm on the day of departure. Late check-out at 6pm is chargeable at 50% of agreed room rates and after 6pm is at chargeable at full day room rates, subject to room availability.

*All rates are in Singapore Dollars and subject to 10% service charge, 1% government tax and prevailing goods and services tax (GST) unless stated otherwise.*